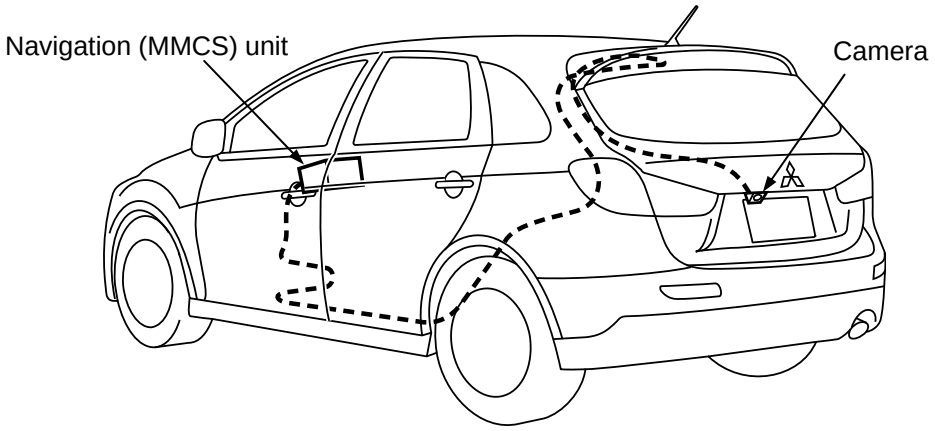
MITSUBISHI MOTORS
GENUINE PARTS

ASX / OUTLANDER SPORT / RVR
REAR VIEW CAMERA
MZ380552EX
INSTALLATION AND HANDLING INSTRUCTIONS



Thank you for purchasing the Mitsubishi Genuine Accessory.
To install and use the product correctly with proper knowledge of it, read this publication carefully.
Keep this publication for reference when maintenance is required.

Attention

- This publication gives precautionary instructions in the boxes titled as follows.
  Read through these instructions thoroughly.

Caution Describes precautions that should be observed in order to prevent injury or damage to the vehicle or its components, which may occur if sufficient care is not taken.

Note Provides additional information that facilitates installation work.

- Failure to follow these instructions not only prevents the product from working properly but may lead to trouble with the vehicle. Be sure to follow all instructions carefully.
- If there is anything unclear about the installation, handing and/or usage of the product, contact your Mitsubishi Motors dealer for clarification.
- Mitsubishi Motors Corporation is not responsible for any defects or difficulties caused by or resulting from the failure to follow given instructions.
- We recommend you to have the installation performed at an authorized Mitsubishi Motors dealer.

To the dealer:

Be sure that the customer receives this publication.

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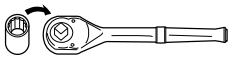
MITSUBISHI MOTORS

■ TOOLS（Make the following tools ready for use.）

Socket wrench



Philips screwdriver

Flat-blade screwdriver

Trim remover

Utility knife

Scissors

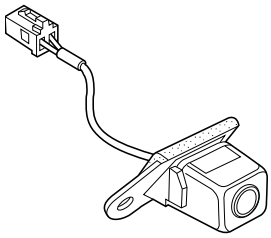
Wire

Cloth tape

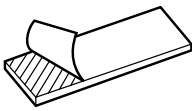
Vinyl tape

■ COMPONENTS (Make sure that all of the following components were included in the kit.)

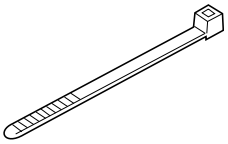
① Camera : 1



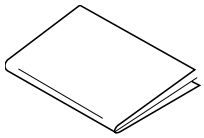
② Urethane-tape :7



③ Cable Tie : 35

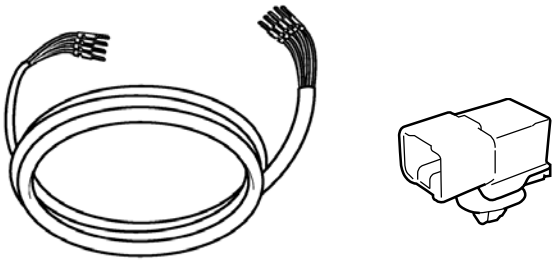


④ Installation and Handling Instructions
: 1 (this document)

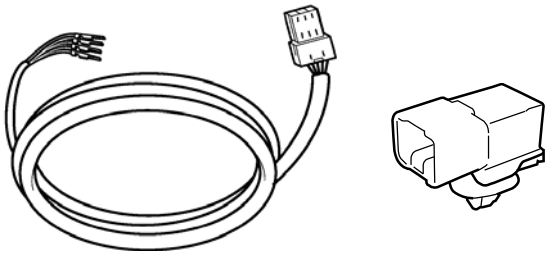


■ REQUIRED COMPONENTS (sold separately)

Camera Harness (MZ360339EX)
(for Right-hand Drive Vehicle)

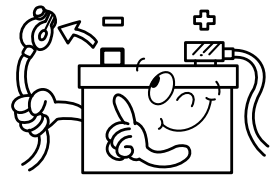


Camera Harness (MZ360338EX)
(for Left-hand Drive Vehicle)



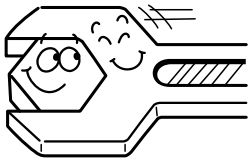
Before installation

- Be sure to disconnect the negative terminal cable from the battery.



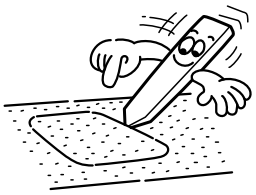
When installing or removing parts

- Loosen or tighten bolts and nuts using tools that match their sizes.



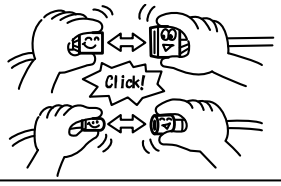
- Use a Phillips screwdriver that fits the recess in the head of the screw being loosened or tightened.

- To remove plastic parts, use a trim remover.

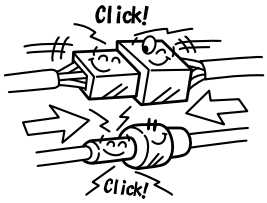


Wiring

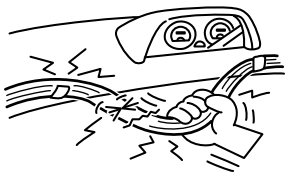
- When disconnecting connectors, first unlock them, then separate the connectors by pulling on themselves, not on cables.



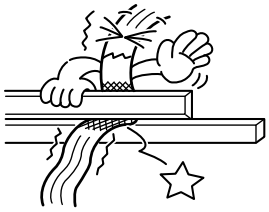
- When connecting connectors, push them against each other until the lock clicks.



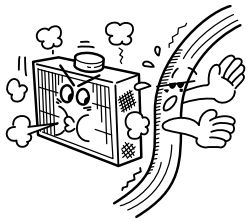
- Do not pull on wiring harnesses strongly.



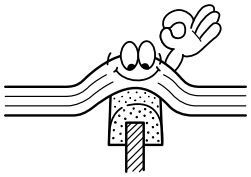
- Do not let harnesses be pinched between parts.



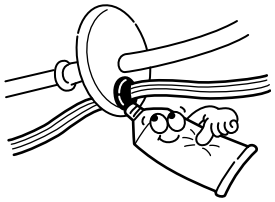
- Route the harness away from hot components such as the engine and radiator.



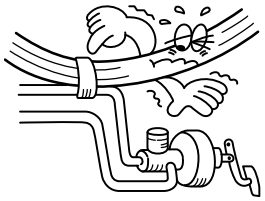
- Protect the harness from sharp edges by covering the edges with tape or other suitable materials.



- Apply sealant to grommets at portions where the harness run through.

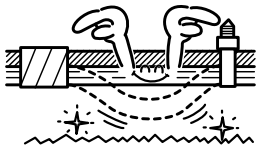


- Do not fasten the harness to brake pipes or high pressure air conditioner pipes.



Clamping harness

- Fasten the additional harness to an existing vehicle harness using tape or cable ties.

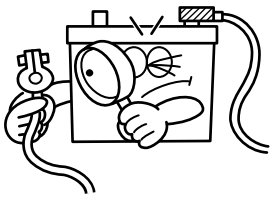


- Bind up extra length of the harness using a cable tie.

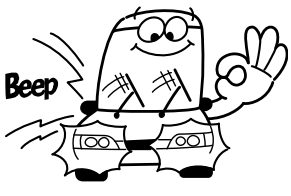
- If one cable tie is too short, use two connected together.

After installation

- Check the product and wiring for installed condition before connecting the cable to the battery.



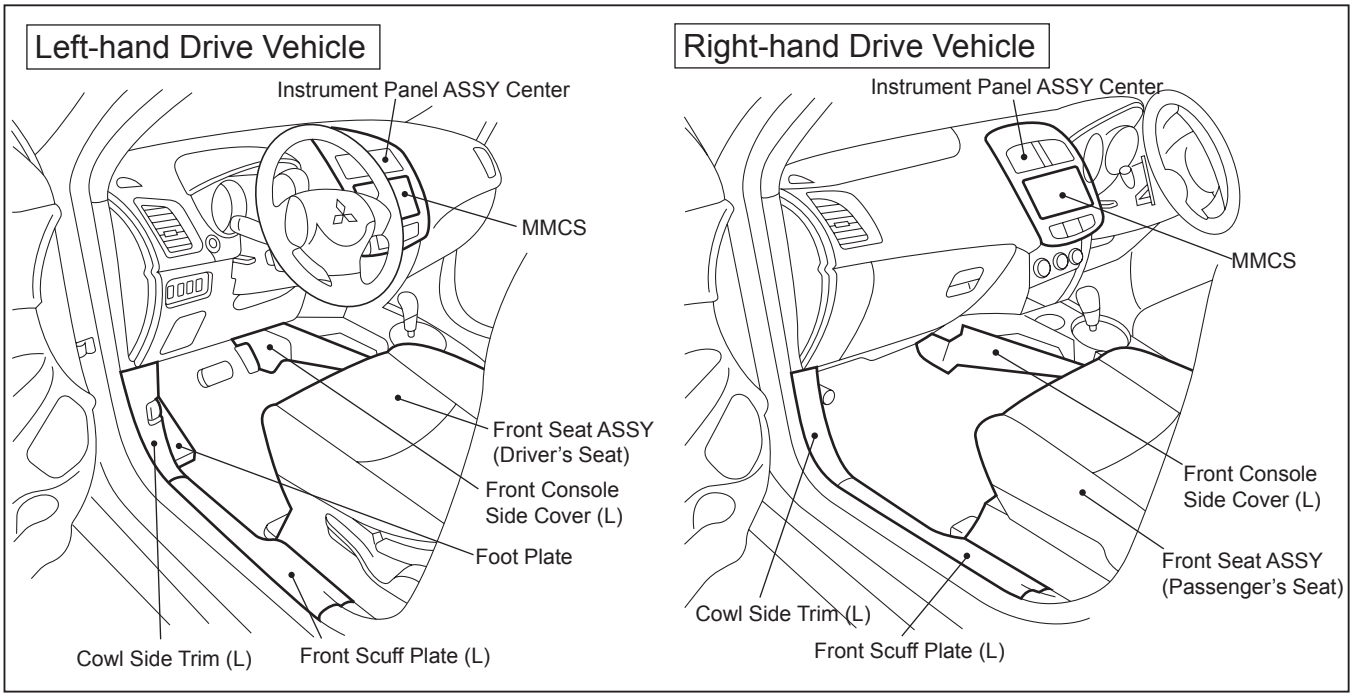
- Check the installed product for function. Also check lamps, horn, wipers, etc. for proper operation.

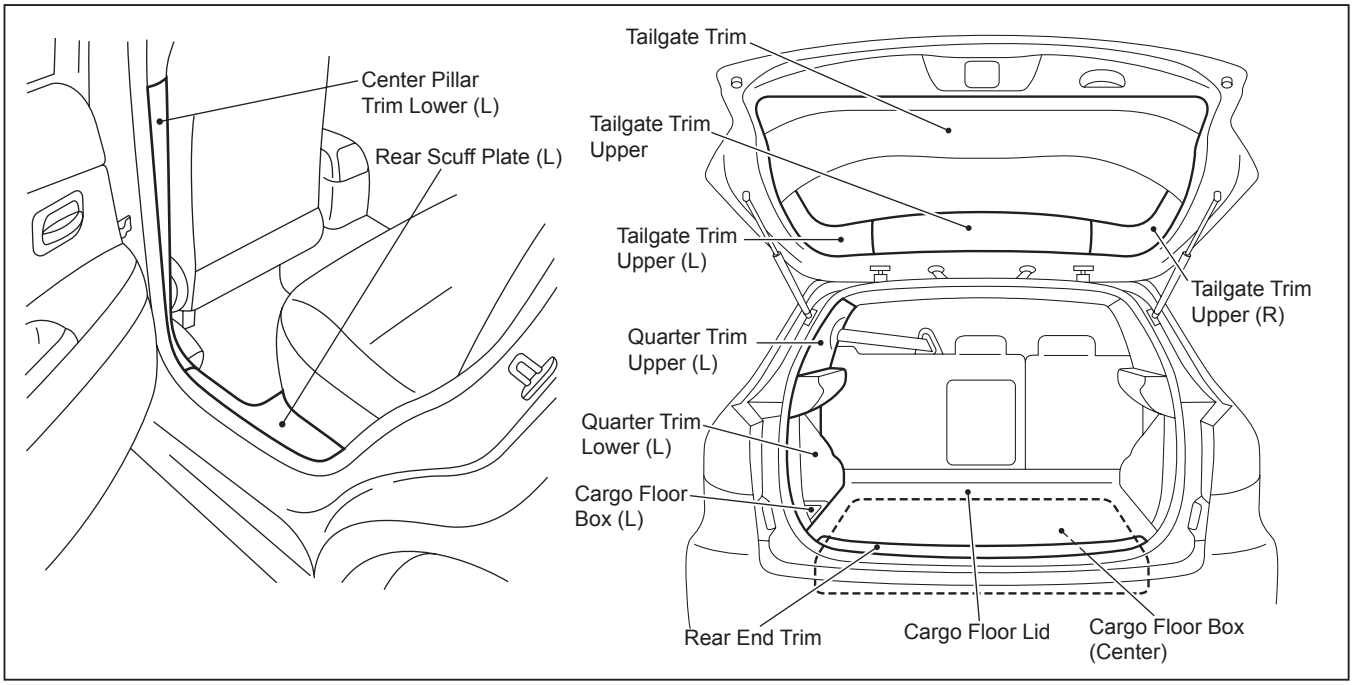


■ PRECAUTIONS

- Be sure to apply the parking brake securely. Remove the ignition key from the key cylinder .
- When removing and reinstalling the vehicle parts, perform the work including the tightening torques in accordance with the workshop manual.
- Disconnecting the (–) cable from the battery causes the radio and audio presets, the clock, etc. to lose their memory. Record the contents of the memory before disconnecting the battery (-) cable to allow you to reprogram the radio presets after the installation is completed. Open the rear tailgate first prior to disconnecting the battery (-) cable.

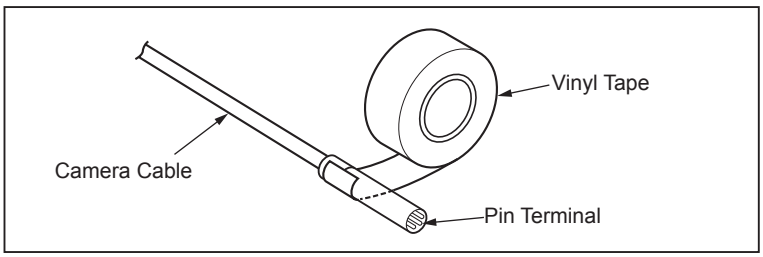
A. Vehicle Parts Removal (Refer to workshop manual for how to remove vehicle parts.)





B. Wiring of Camera Cable

B-1. Preparation for Wiring Camera Cable



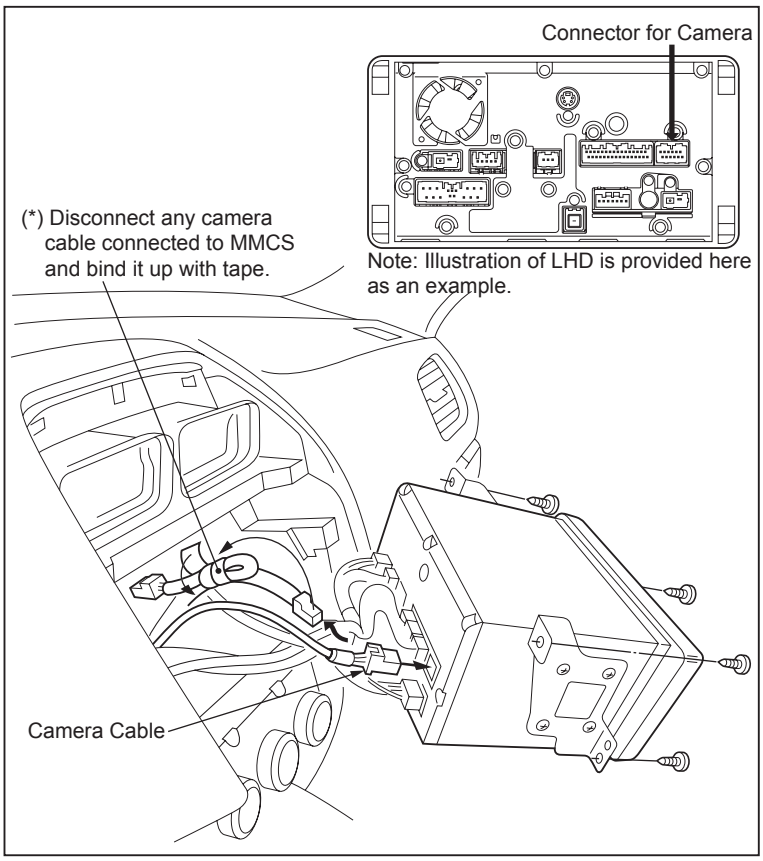
(1) Wrap the camera cable (around the pin terminal) with vinyl tape up to the cable end for protection.

⚠ Caution

Be careful not to bend or break the terminal when wrapping the cable with protective vinyl tape.
It may cause damage, disconnection or loose connection of the terminal.

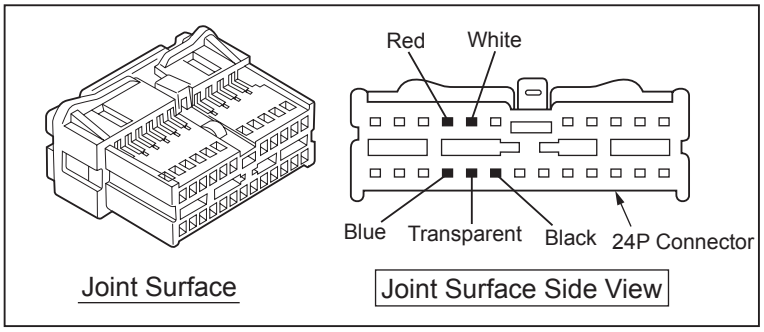
B-2. Wiring of Camera Cable to Navigation

For Left-hand Drive Vehicle


Connector for Camera
(*) Disconnect any camera cable connected to MMCS and bind it up with tape.
Note: Illustration of LHD is provided here as an example.
Camera Cable

For Right-hand Drive Vehicle

● Connection of Camera Cable Terminals

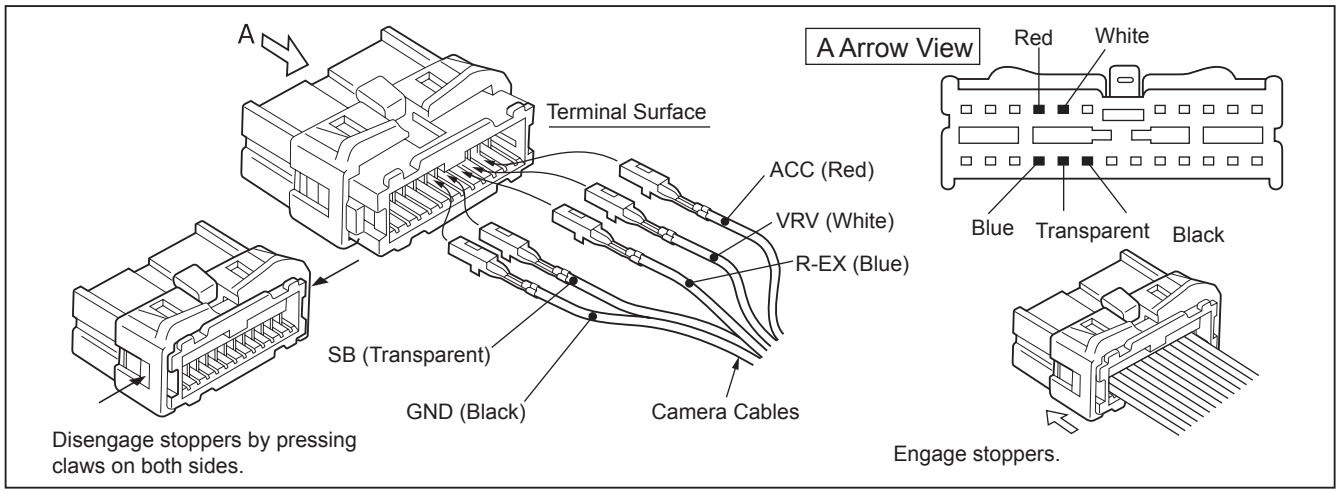


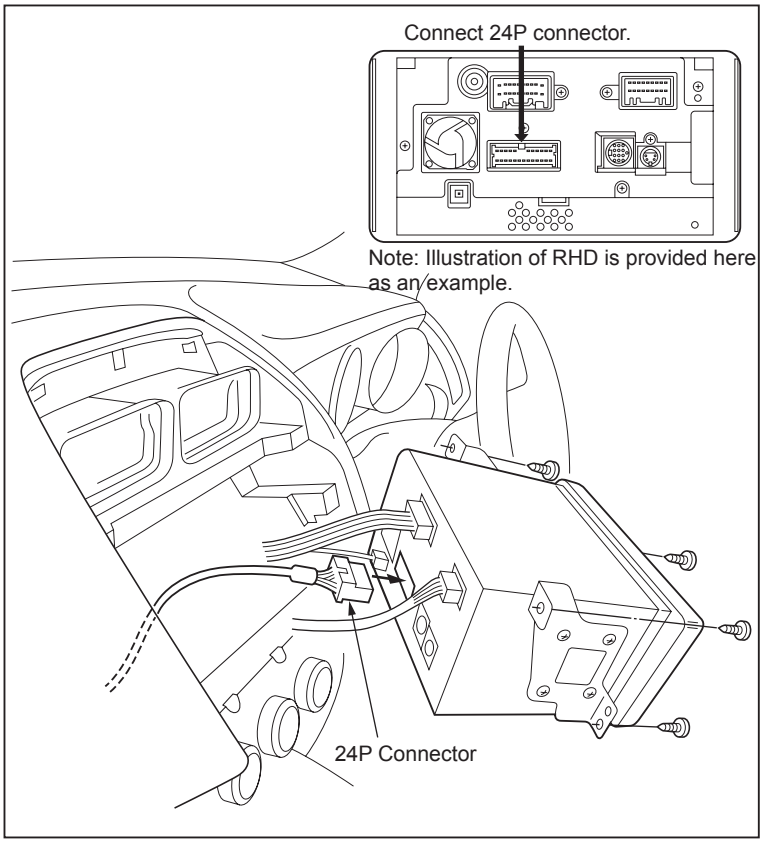
(1) Disconnect a 24P connector from the navigation.

① Disengage stoppers on the 24P connector.
② Insert camera cable terminals into the 24P connector as shown in left-hand illustration.

> ⚠ Caution
> Be careful not to connect terminals mistakenly.
> It may cause malfunction.

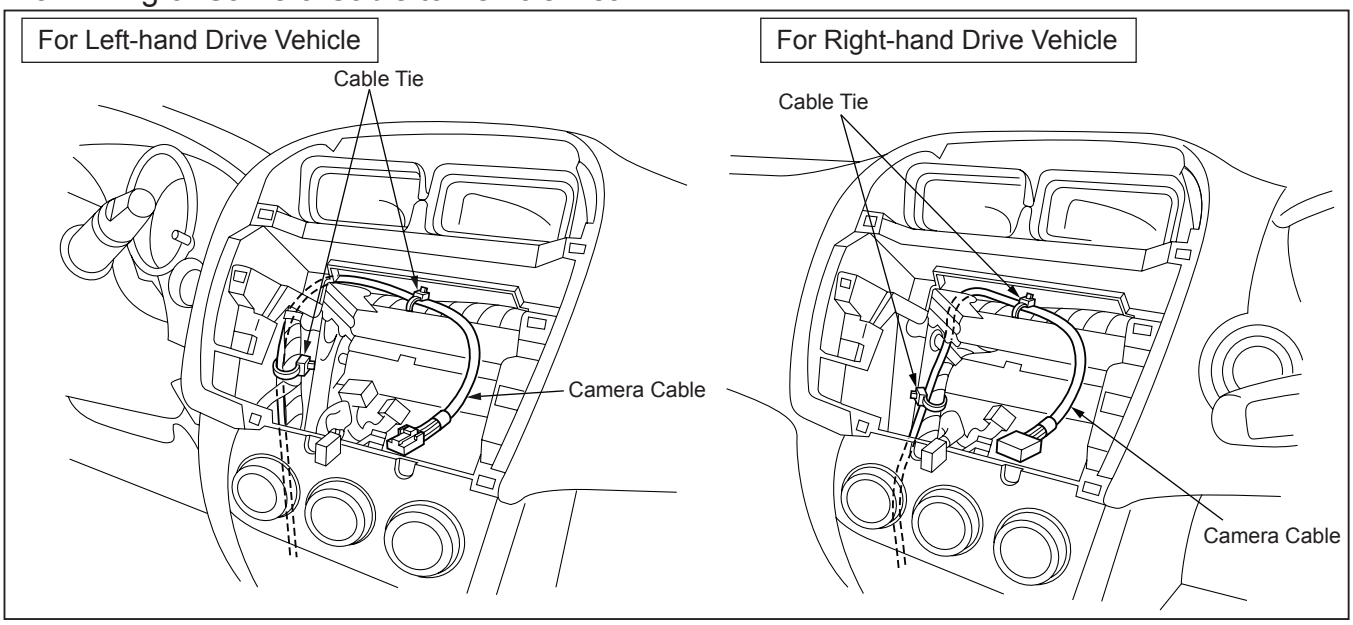
③ Engage the stoppers.



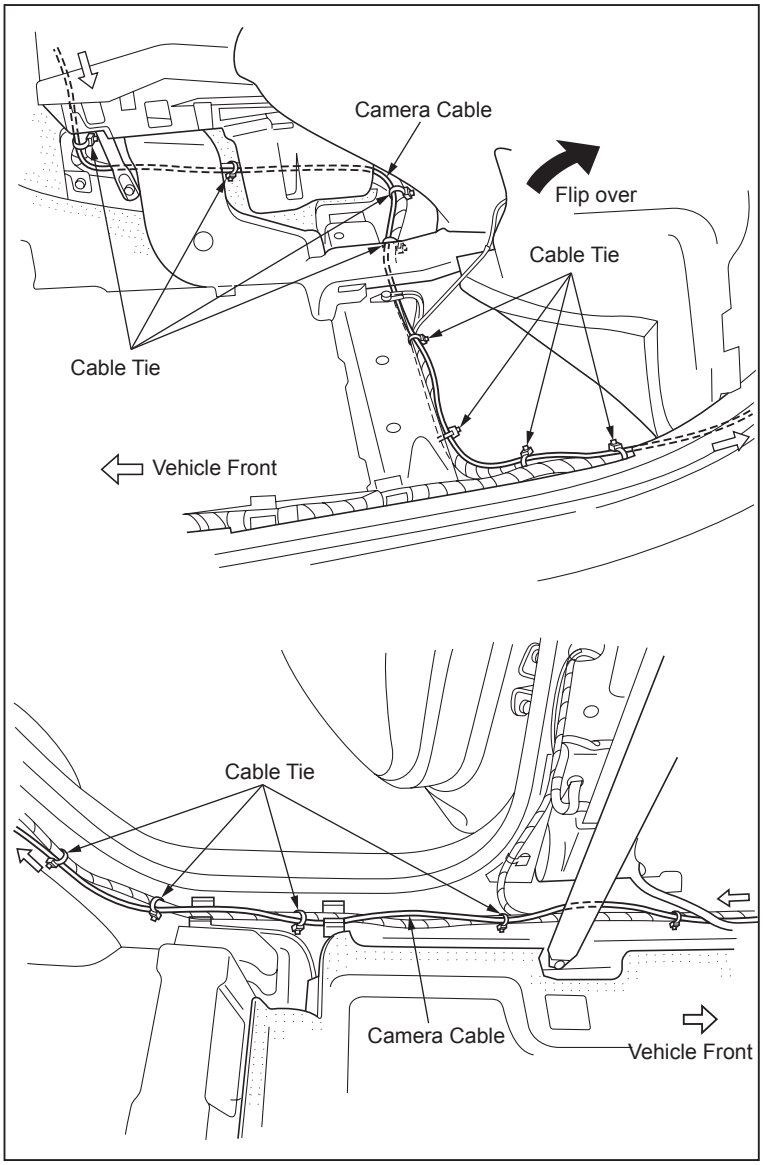


(2) Connect the connector side of the 24P connector to MMCS.

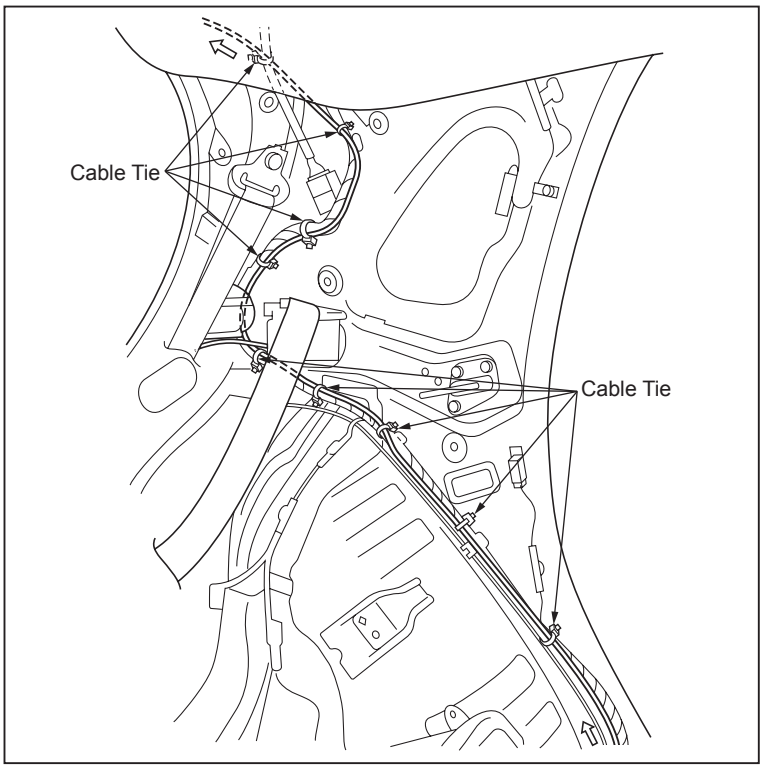
B-3. Wiring of Camera Cable to Vehicle Rear



(1) Wire the camera cable to the navigation attachment area.
Fix the camera cable to the vehicle harnesses with cable ties.



(2) Wire the camera cable on the left side of vehicle along vehicle harnesses toward the rear.
Fix the camera cable to vehicle harnesses with cable ties.



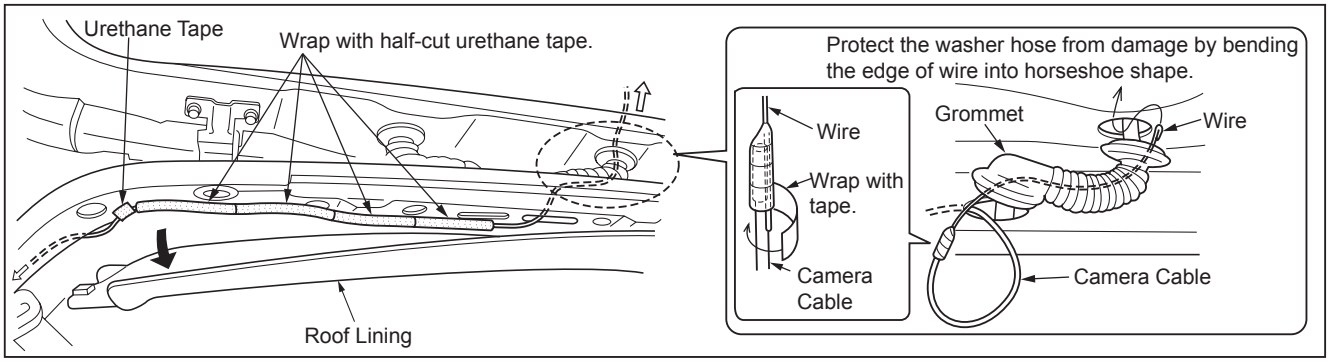
(3) Wire the camera cable on the left side of vehicle along vehicle harnesses toward the rear.
Fix the camera cable to vehicle harnesses with cable ties.

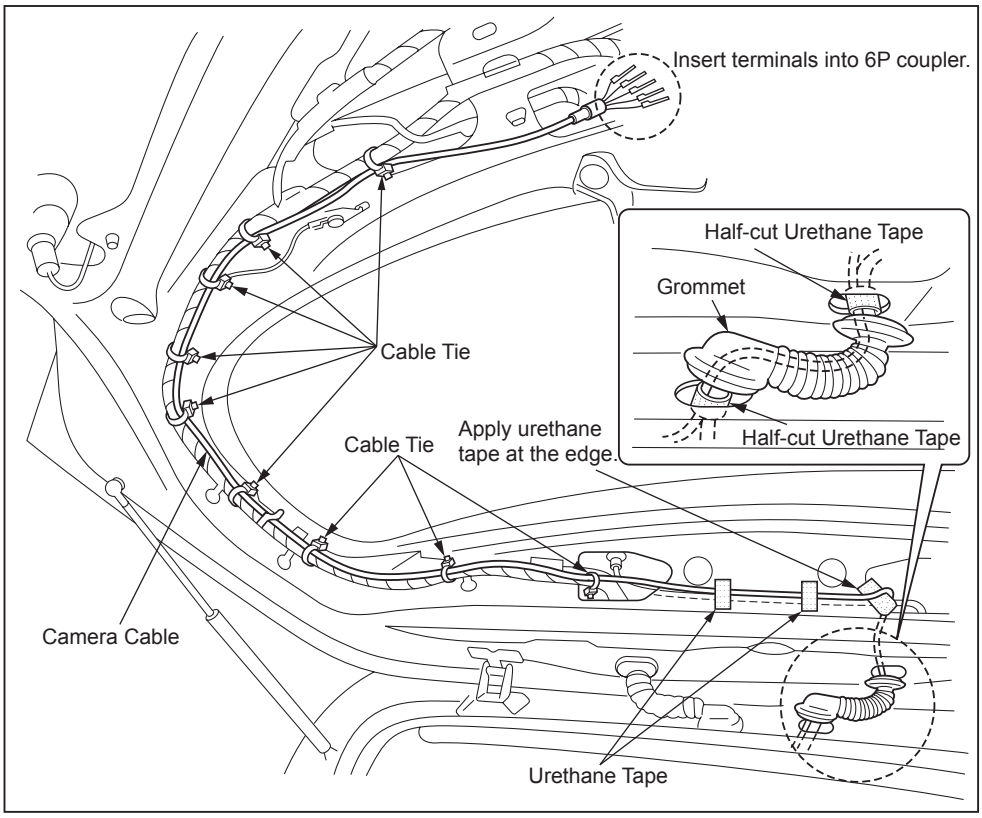
(4) Wrap the camera cable with half-cut urethane tape.

(5) Flip the edge of the roof lining slightly and wire the camera cable inside the roof lining.

(6) Remove a grommet from the vehicle.

(7) Use wire to pass the camera cable through the grommet and wire the cable to the tailgate.





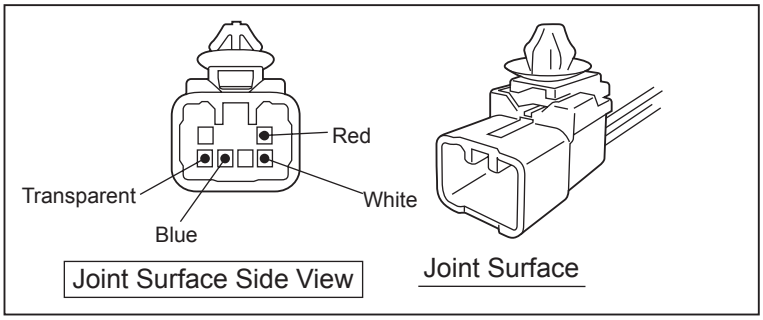
(8) Wire the camera cable along vehicle harnesses on the tailgate.
Fix the camera cable to vehicle harnesses with cable ties.

(9) Remove the vinyl tape protecting the pin terminals of the camera cable.

(10) Insert the pin terminals of the camera cable into the 6P coupler.

(Refer to ● Connection of Camera Cord Terminals on page 9.)

●Connection of Camera Cord Terminals

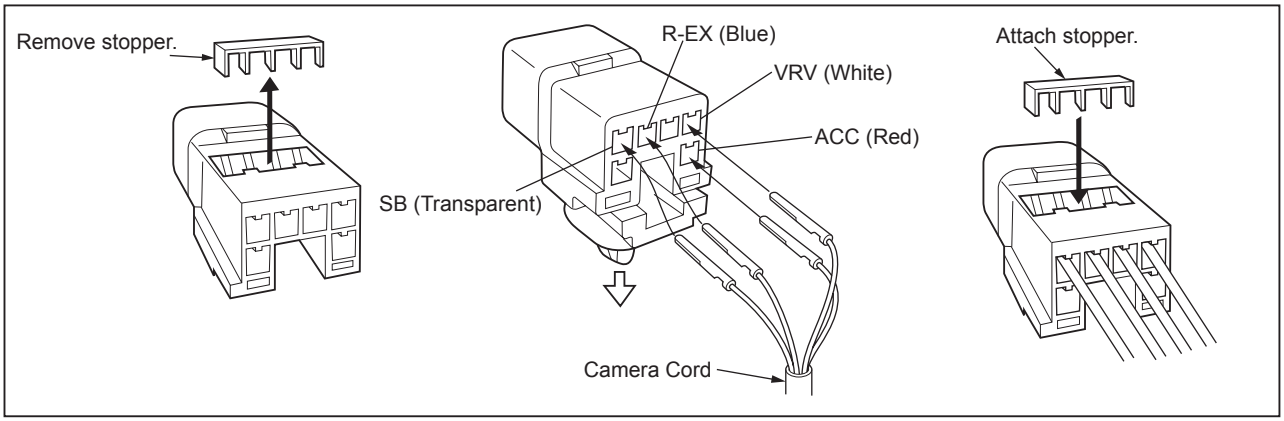


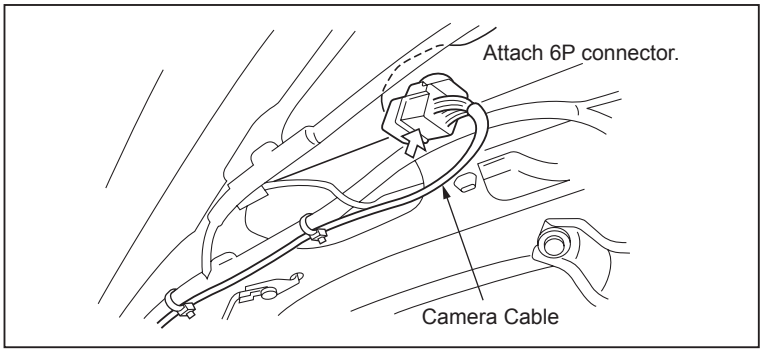
① Remove the stopper from the 6P coupler.
② Insert camera cable terminals into the 6P coupler as shown in illustration below.

⚠Caution

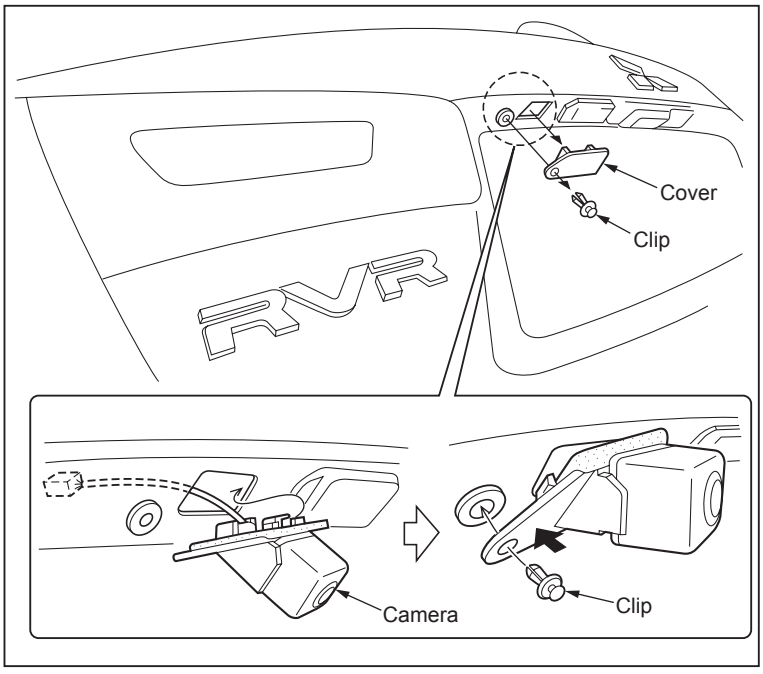
Be careful not to connect terminals mistakenly.
It may cause malfunction.

③ Attach the stopper.





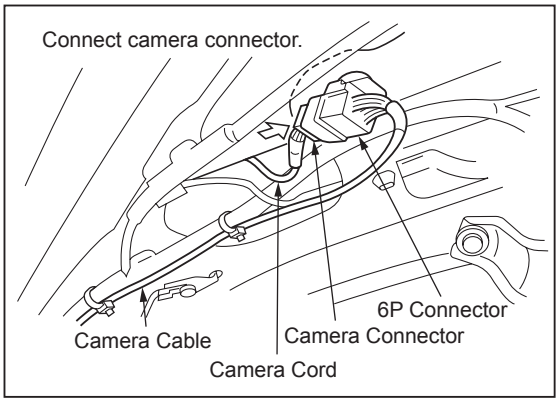
(11) Attach the 6P connector to a hole on the tailgate panel.



(12) Remove the clip and the cover.

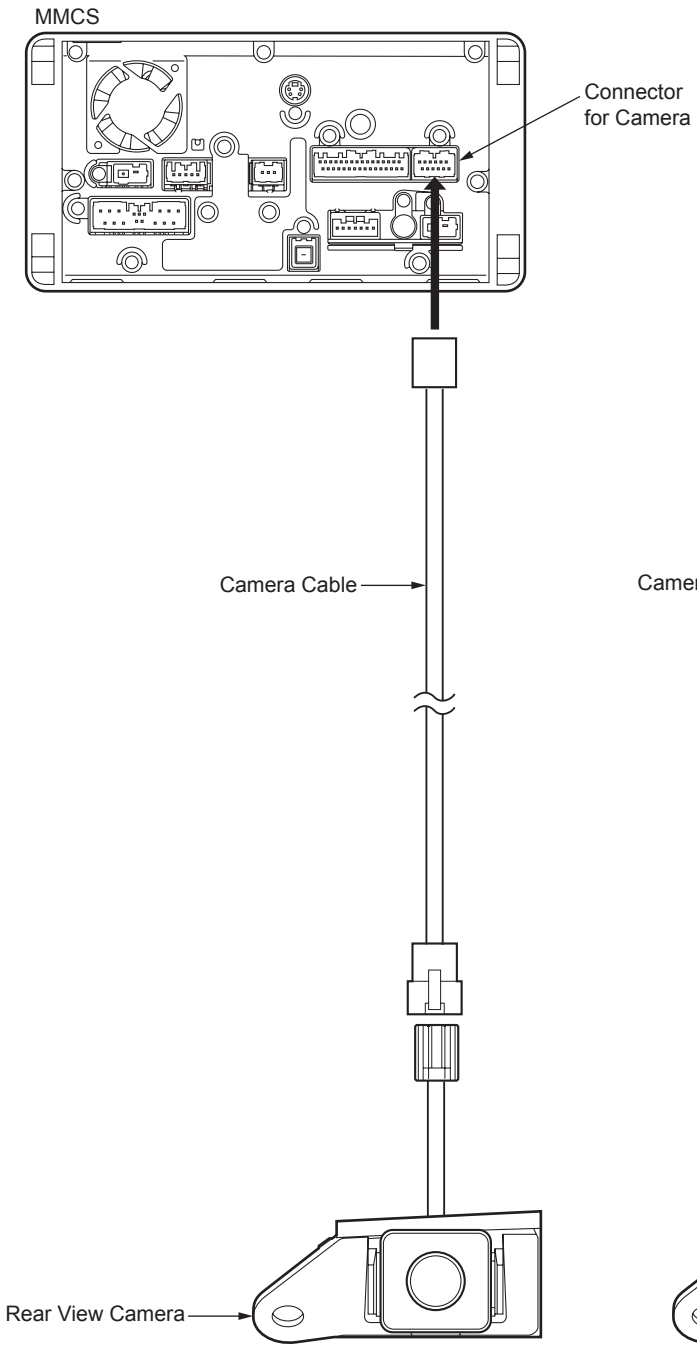
(13) Attach the camera and reinsert the clip removed at Step (12).

(14) Connect the camera connector to the 6P connector.

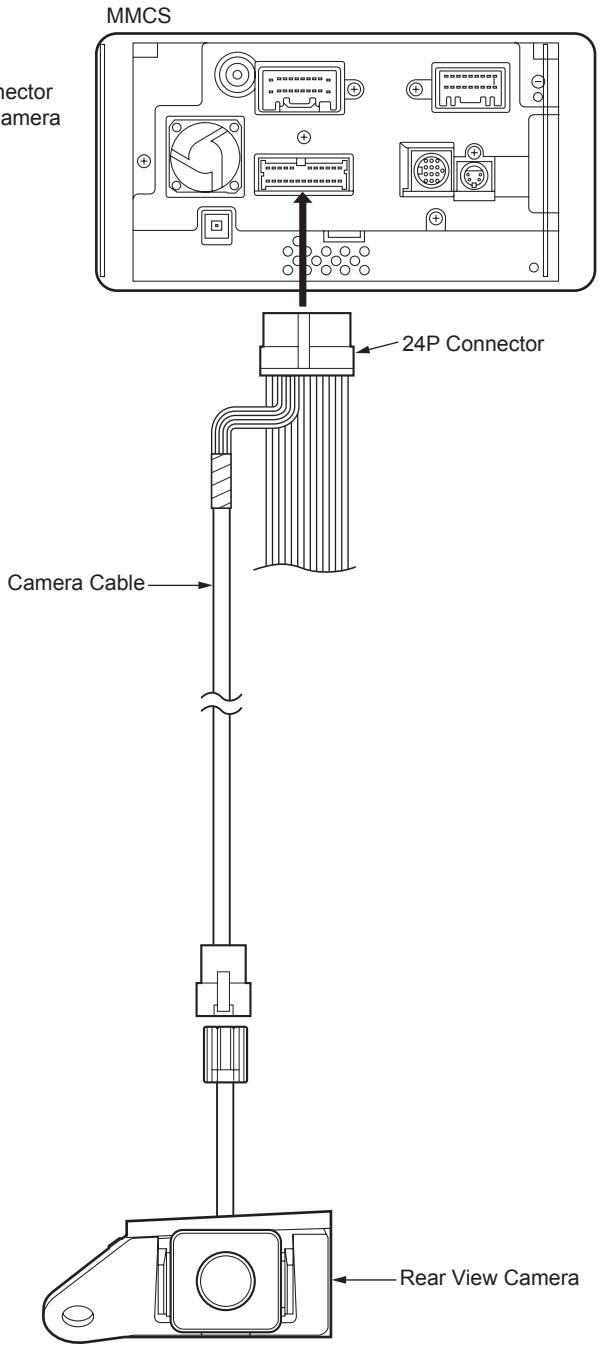


Connecting Diagram

●For Left-hand Drive Vehicle



●For Right-hand Drive Vehicle



C. Reinstallation of Vehicle Parts

Refer to workshop manual for how to reinstall removed vehicle parts.

Operation Confirmation

(1) Ensure that all the connections have been properly performed according to the connecting diagram.
(2) Check for the battery and turn the ignition switch to the IGN position.
(3) Confirm the state of connection and operation according to the operation manual.

Confirmation of Major Parts

(1) Ensure that electric components, such as horn and wiper, operate properly.
(2) Check for the seat fixation bolts and the tightening torque of nuts.
(3) Ensure that all the parts fixed with Velcro fastenings or double-faced tape are fixed securely and that there is no loose cable tie.
(4) Reprogram the clock and radio frequency memories. (Refer to each workshop manual for the procedure.)